

Applicant: Marks de Chabris et al.
Application No.: 09/770,108

Claim 1

- a) receiving an order definition defined with an evaluation heuristic, the evaluation heuristic identifying at least one transaction instance, each said transaction instance identifying an order, a transaction destination and a time instant for the order with the transaction destination;
- b) at the time instant associated with one of the transaction instances, transmitting over a communications network to the associated transaction destination an order message identifying the associated order; the time instant, the order and the transaction destination of the one transaction instance being determined in accordance with the evaluation heuristic;
- c) receiving over the communications network a completion message identifying a completion status of the order at the transmitted transaction destination; and
- d) repeating steps b) and c) in accordance with the completion status and the evaluation heuristic.

Please add new claims 4 – 23 as follows:

-- 4. The method according to claim 1, wherein the completion message

Claim 2 receiving step comprises updating the order definition in accordance with the

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completion status, and the order message transmitting step comprises generating an updated order message defining an updated order defined in accordance with the updated order definition.

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5. The method according to claim 4, wherein the completion status identifies an incomplete order fill, and the updated order comprises one of a cancellation order, and a revised order.

6. The method according to claim 5, wherein the revised order comprises a revision to the transaction destination.

7. The method according to claim 5, wherein the transmitted order identifies a price and a quantity, and the revised order comprises a revision to one of the price and the quantity.

8. The method according to claim 6, wherein the transaction destination comprises a liquidity destination.

9. The method according to claim 7, wherein the transaction destination comprises a liquidity destination.

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10. A computer-based order matching system comprising:
data storage means for storing an order definition defined with an evaluation heuristic, the evaluation heuristic identifying at least one transaction instance, each said transaction instance identifying an order, a transaction destination and a time instant for the order with the transaction destination;

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schedule supervisor means in communication with the data storage means for transmitting, at the time instant associated with one of the transaction instances, an order message to the associated transaction destination over a communications network, the order message identifying the one transaction instance; the time instant, the order and the transaction destination of the one transaction instance being determined in accordance with the evaluation heuristic; and

transaction supervisor means in communication with the data storage means for receiving over the communications network a completion message identifying a completion status of the order at the transmitted transaction destination, and for updating the order schedule in the data storage means in accordance with the completion status.

11. The order matching system according to claim 10, wherein the transaction supervisor means is configured to update the order definition in

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accordance with the completion status, and the schedule supervisor means is configured to generate an updated order message defining an updated order defined in accordance with the updated order definition.

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12. The order matching system according to claim 11, wherein the completion status identifies an incomplete order fill, and the updated order comprises one of a cancellation order, and a revised order.

13. The order matching system according to claim 12, wherein the revised order comprises a revision to the transaction destination.

14. The order matching system according to claim 12, wherein the transmitted order identifies a price and a quantity, and the revised order comprises a revision to one of the price and the quantity.

15. The order matching system according to claim 13, wherein the transmitted order identifies a price and a quantity, and the revised order comprises a revision to one of the price and the quantity.

16. A computer-based order matching system comprising:

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a database for storing an order definition defined with an evaluation heuristic, the evaluation heuristic identifying at least one transaction instance, each said transaction instance identifying an order, a transaction destination and a time instant for the order with the transaction destination;

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a schedule supervisor in communication with the database for transmitting, at the time instant associated with one of the transaction instances, an order message to the associated transaction destination over a communications network, the order message identifying the one transaction instance; the time instant, the order and the transaction destination of the one transaction instance being determined in accordance with the evaluation heuristic; and

transaction supervisor means in communication with the database for receiving over the communications network a completion message identifying a completion status of the order at the transmitted transaction destination, and for updating the order schedule in the database in accordance with the completion status.

17. The order matching system according to claim 16, wherein the transaction supervisor is configured to update the order definition in accordance with the completion status, and the schedule supervisor is configured to generate an

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updated order message defining an updated order defined in accordance with the updated order definition.

18. The order matching system according to claim 17, wherein the completion status identifies an incomplete order fill, and the updated order comprises one of a cancellation order, and a revised order.

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19. The order matching system according to claim 18, wherein the revised order comprises a revision to the transaction destination.

20. The order matching system according to claim 19, wherein the transmitted order identifies a price and a quantity, and the revised order comprises a revision to one of the price and the quantity.

21. The order matching system according to claim 18, wherein the transmitted order identifies a price and a quantity, and the revised order comprises a revision to one of the price and the quantity.

22. A computer-readable medium carrying processing instructions which when loaded into a memory of a computer cause the computer to:

a) receive a transaction definition defined with an evaluation heuristic, the evaluation heuristic identifying at least one transaction instance, each said transaction instance identifying an order, a transaction destination and a time instant for the order with the transaction destination;

b) at the time instant associated with one of the transaction instances, transmit over a communications network to the associated transaction destination an order message identifying the associated order; the time instant, the order and the transaction destination of the one transaction instance being determined in accordance with the evaluation heuristic;

c) receive over the communications network a completion message identifying a completion status of the order at the transmitted transaction destination; and

d) repeat steps b) and c) in accordance with the completion status and the evaluation heuristic.

23. The computer-readable medium according to claim 22, wherein the completion message receiving step comprises updating the transaction definition in accordance with the completion status, and the order message transmitting step

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comprises generating an updated order message defining an updated order defined in accordance with the updated order definition.

24. The computer-readable medium according to claim 23, wherein the completion status identifies an incomplete order fill, and the updated order comprises one of a cancellation order, and a revised order.

25. The computer-readable medium according to claim 24, wherein the revised order comprises a revision to the transaction destination.

26. The computer-readable medium according to claim 25, wherein the transmitted order identifies a price and a quantity, and the revised order comprises a revision to one of the price and the quantity.

27. The computer-readable medium according to claim 24, wherein the transmitted order identifies a price and a quantity, and the revised order comprises a revision to one of the price and the quantity. --